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<b>(21) International Application Number:</b> PCT/US99/06340 <b>(22) International Filing Date:</b> 23 March 1999 (23.03.99)  <b>(30) Priority Data:</b> 60/079,333 25 March 1998 (25.03.98) US 09/063,702 21 April 1998 (21.04.98) US  <b>(71) Applicant:</b> EDGE INNOVATIONS & TECHNOLOGY, LLC [US/US]; 160 Goden Street, Belmont, MA 02178 (US). <b>(72) Inventor:</b> FRICKE, J., Robert; 160 Goden Street, Belmont, MA 02178 (US). <b>(74) Agent:</b> NUGENT, Elizabeth, E.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).		<b>(81) Designated States:</b> CA, JP, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> LOW SOUND SPEED DAMPING MATERIALS AND METHODS OF USE  <b>(57) Abstract</b> <p>A composition for reducing vibrations, including both damping structure borne vibrations and reducing radiated airborne noise. The composition is either a mixture of at least two different granular materials, or is a granular material having a bulk sound speed of less than 90 m/s. The damping properties of a mixture can be calculated from the bulk densities and stiffnesses of its individual components.</p>		